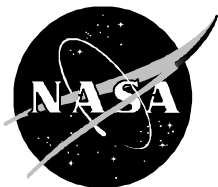


# **VERSION DESCRIPTION DOCUMENT FOR THE NASA PERSONNEL/PAYROLL SYSTEM**

Software Release 7.6.2

PrISMS Contract

03/08/00



National Aeronautics and  
Space Administration

**George C. Marshall Space Flight Center**  
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT  
FOR THE  
NASA PERSONNEL/PAYROLL SYSTEM  
SOFTWARE RELEASE 7.6.2**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GEORGE C. MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, ALABAMA

March 2000

**VERSION DESCRIPTION DOCUMENT  
FOR THE  
NASA PERSONNEL/PAYROLL SYSTEM  
SOFTWARE RELEASE 7.6.2**

Approved by

	03/08/00
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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GEORGE C. MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, AL

March 2000

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## **1. INTRODUCTION**

This Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) software released for installation/implementation.

### **1.1 IDENTIFICATION OF THE RELEASE**

System Name – NPPS

Release Number – Software Release 7.6.2

Release Effective Date – March 08, 2000

Release Implementation Date - March 15, 2000

The release datasets will be made available to the production support DBA for installation, at which time all centers will be notified that it has been installed.

### **1.2 PURPOSE OF THE RELEASE**

The purpose of this release is to implement the NPPS software allocated for this release. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures.

### **1.3 SCOPE OF THE RELEASE**

The VDD provides the functional and technical user of NPPS with the following information regarding changes to the contents and status of the application, NPPS Release 7.6.2, including the following:

- Changes implemented since the last release
- References to other documents affected by this release
- Changes to application files and data formats
- Detailed software installation procedures
- Validation procedures to ensure the reliability of the software changes.

## **1.4 CONTACT POINTS**

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for NPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC). Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (use the following Key Words: SESAAS & NPPS)

Telephone: (256) 544-6673

E-Mail: [james.joyner@msfc.nasa.gov](mailto:james.joyner@msfc.nasa.gov)

FAX: (256) 544-1836

## **2. FUNCTIONAL INFORMATION**

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

### **2.1 FUNCTIONAL CHANGES**

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all PREDICT changes related to this release.

### **2.2 FUNCTIONAL INTERFACES**

Not Applicable

### **2.3 CRITICAL ISSUES**

Not Applicable

### **2.4 AFFECTED DOCUMENTS**

Not Applicable

### **2.5 APPLICATION SYSTEM ADMINISTRATION**

Not Applicable



### **3. TECHNICAL INFORMATION**

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

#### **3.1 TECHNICAL SYSTEM INTERFACES**

Not Applicable

#### **3.2 DATA DICTIONARY CHANGES**

Not Applicable

#### **3.3 SOFTWARE OBJECT CHANGES**

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

#### **3.4 DATABASE ADMINISTRATION**

The specific database administration activities for NPPS 7.6.2 are detailed in Appendix D, Installation Instructions.

##### **3.4.1 Release Dataset Names**

The datasets for Software Release 7.6.2 are included in the Introduction of Appendix D, Installation Instructions.

##### **3.4.2 Inventory of Objects**

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

##### **3.4.3 Storage Considerations**

Not Applicable

##### **3.4.4 Installation Procedures**

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

### **3. 5    OPERATIONAL PREPARATION**

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

# **APPENDIX A**

## **ABBREVIATIONS AND ACRONYMS**

## **ABBREVIATIONS AND ACRONYMS**

ADP	Automated Data Processing
CCR	Change Control Request
CPO	Consolidated Payroll Office
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
HR	Human Resources
ICD	Interface Control Document
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA ADP Consolidation Center
NASA	National Aeronautics and Space Administration
NDM	Network Data Mover
NOAC	Nature Of Action Code
NPPS	NASA Personnel/Payroll System
OPM	Office of Personnel Management
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
SRS	System/Software Requirements Specification
VDD	Version Description Document

## **APPENDIX B**

### **GLOSSARY**

## **GLOSSARY**

### **Consolidation Center**

Responsibility for processing and balancing payroll for all centers in the consolidated database.

### **Database Administration**

Responsibility for maintaining the physical database environment.

### **Implementation**

The process by which a NASA site installs a software release and places it into operational use.

### **Operational Preparation**

Preparation by a NASA site for installation and use of an application release.

### **System Administration**

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

**APPENDIX C**  
**FUNCTIONAL CHANGE VALIDATION**  
**PROCEDURES**

## **VALIDATION PROCEDURES SOFTWARE RELEASE 7.6.2 PERSONNEL & PAYROLL**

### **1. 20000033**

A. **Purpose:** To validate that the correct bond date is generated.

B. **Test Procedure:**

- 1) Select employee with bond deduction of \$100.00. Ensure employee has no balance on bond screen. Purchase price should be \$250.00.
- 2) Give employee a good time card. Check Bond screen, balance should show \$100.00. There should not be a bond date on the screen.
- 3) Run Job 6, check bond screen to ensure that data has not changed. Give employee a good time card. Check bond screen, balance should show \$200.00, bond date should now be populated with the month and year showing on CTLPAY, MMY (0200). Bond balance is now over one-half of purchase price.
- 4) Run Job 6. Give employee a good time card, check bond screen, Bond to be purchased should indicate YES, bond balance should be \$50.00 and BOND DATE should show 0200.
- 5) Run Job 6, check bond screen, balance should show \$50.00, Bond date should now be reset to 0000.

C. **Validation:**

- 1) Verify employee being tested has a valid bond denomination and valid deduction.
- 2) Verify that when one-half of the purchase prices has been deducted from employee that a bond date shows on the bond screen.
- 3) Verify that this date does not go away or change until after the employee has purchased a bond, which is indicated on the bond screen with YES beside the statement; BOND TO BE PURCHASED.
- 4) Verify that after the next time card is given to the employee, there is not a bond date



**NASA PERSONNEL PAYROLL SYSTEM  
RELEASE DESCRIPTION  
SOFTWARE RELEASE 7.6.2  
MARCH 2000**

The purpose of this release is to implement the changes allocated to software release 7.6.2 described below.

**SOFTWARE RELEASE 7.6.2**

DR 1620s IMPLEMENTED

20000033      Invalid Bond Date Format

**\*\*\*\*\* RECORD COUNT = 01**

## **APPENDIX D**

# **INSTALLATION INSTRUCTIONS**

**NASA PERSONNEL PAYROLL SYSTEM  
RELEASE DESCRIPTION  
SOFTWARE RELEASE 7.6.2  
MARCH 2000**

**Introduction**

Release Effective Date – March 08, 2000

Release Implementation Date - March 15, 2000

Release Inventory:

Dataset Names:

The following datasets are located on the transient storage DASD volumes under the following data sets names:

- MSMOV.NPPS.PROD.R762.R0300.DOC
- MSMOV.NPPS.PROD.R762.R0300.SRC

Physical media:

VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words: SESAAS & NPPS):

Telephone: (256) 544-6673  
E-Mail: james.joyner@msfc.nasa.gov  
Fax: (256) 544-1836

## **Installation Sequence**

The sequence in which the installation of this release should occur is provided in the following list. Applicable sections are listed in the Installation Checklist.

- 1.0 Backup Existing Data
- 2.0 Copy Source/Object Code
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Install Data Glossary
- 6.0 Catalog Source Code
- 7.0 Post-Predict Data Conversion
- 8.0 JCL/BJS/Xerox Modifications
- 9.0 Special Instructions
- 10.0 Installation Checklist

### **1.0 BACKUP EXISTING DATA**

It is advisable to back up all NPPS files as a precautionary measure prior to installation of software release.

### **2.0 COPY SOURCE/OBJECT CODE**

#### **2.1 Copy Source Modules**

When installing software release 7.6.2, load the NPPS new and modified programs from dataset MSMOV.NPPS.R762.R0300.SRC using the Natural utility NATLOAD. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library NPPS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

## Natural Source Modules by Type

Global Data Areas	0
Local/Param Data Areas	0
Maps	0
Help routines	0
Subroutines	0
Subprograms	0
Programs	1
Copycode	0
Text	0
Process	0
Miscellaneous Objects	0
=====	
Total Programming Objects	1
Total Views Unloaded	0
Total Objects Read	1
Total Object Unloaded	1

## 2.2 List of Source Code Modifications

The following is a list of all modules that were modified for the software release 7.6.2.

Programs	Description of programs
=====	
NAO3150E	Calculate Bond Deductions

RELEASE PROGRAMS (MOD) ==> 01

## 2.3 List of Source Code Additions

Not Applicable

## 2.4 List of Source Code Deletions

Not Applicable

## 3.0 PRE-PREDICT DATA CONVERSION

Not Applicable

## 4.0 INSTALL PREDICT

Not Applicable

## **5.0    INSTALL DATA GLOSSARY**

Not Applicable

## **6.0 CATALOG SOURCE CODES**

When installing software release 7.6.2, run a batch job to catalog (CATALL) all modules in the NPPS or other named library. It is not necessary to catalog the Global Data Area. The Batch standard parameters should be used for the compile.

After objects are compiled, the NPPS application will run under the On-line standard parameters.

## **7.0 POST-PREDICT DATA CONVERSION**

Not Applicable

## **8.0 JCL/BJS/Xerox MODIFICATIONS**

Not Applicable

## **9.0 SPECIAL INSTRUCTIONS**

### **9.1 Update NPPS Release Number**

The following processes will update the NPPS software numbers:

1. Execute program TOOLVRSN from the Natural Command line.
2. When installing software release 7.6.2, enter "07.6.2" for software version number.
3. Press ENTER; a confirmation message displays.
4. Press PF3 to exit the program.

## **10.0 INSTALLATION CHECKLIST**

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 6.0 Catalog Source Code
- 9.0 Special Instructions